

SOUTHERN COLORADO PLATEAU NETWORK		Ozone -----					NADP (kg/ha/yr) =====		Visibility - IMPROVE	
PARK	CLASS	2ndHi1hr	4thHi8hr	#8hr>85	#1hr>100	Sum06_3Mo	Total S	Total N	bextClear	bextHazy
Aztec Ruins NM	2	81.7	67.2	0.1	0.1	10.9	1.00	1.44	6	24
Bandelier NM	1	89.6	68.3	0.2	0.2	16.6	1.07	1.58	8	27
Canyon de Chelly NM	2	86.6	70.1	0.8	1.1	13.8	0.83	1.23	7	26
Chaco Culture NHP	2	86.2	68.1	0.2	0.2	13.3	0.98	1.42	7	26
El Malpais NM	2	88.6	68.6	0.4	0.4	15.0	0.93	1.34	8	28
El Morro NM	2	88.6	69.2	0.6	0.6	15.0	0.90	1.30	8	28
Glen Canyon NRA	2	92.2	74.0	1.5	2.8	18.5	0.68	1.07	6	23
Grand Canyon NP	1	95.0	77.6	2.2	3.5	24.7	0.60	1.21	6	25
Hubbell Trading Post NHS	2	90.8	72.4	1.6	2.7	15.8	0.82	1.22	8	26
Mesa Verde NP	1	80.6	67.2	0.1	0.1	11.1	0.93	1.35	6	24
Navajo NM	2	90.7	74.1	1.9	3.3	17.2	0.77	1.19	7	24
Petrified Forest NP	1	101.2	78.2	3.3	6.4	34.6	0.80	1.18	9	27
Petroglyph NM	2	89.8	68.3	0.2	0.2	13.9	1.05	1.51	8	28
Rainbow Bridge NM	2	90.8	74.7	1.8	2.9	18.8	0.72	1.14	6	24
Salinas Pueblo Missions NM	2	92.8	69.3	0.4	1.0	14.0	1.10	1.55	8	30
Sunset Crater Volcano NM	2	104.8	81.7	4.1	7.9	32.3	0.62	1.10	7	25
Walnut Canyon NM	2	106.1	82.2	4.3	8.3	33.6	0.60	1.06	7	26
Wupatki NM	2	103.5	81.2	3.9	7.6	31.0	0.66	1.15	7	24
Yucca House NM	2	80.7	67.4	0.1	0.1	11.3	0.93	1.35	7	25

Class: refers to an area's designation under the Clean Air Act

Ozone information represents 5-yr average of annual values from 1995-1999

2nd High 1 hr concentration (ppb): indicates peak values for ozone; old standard of 0.12 ppm (120 ppb) was based on 2nd hi, 1-hr average

4th high 8 hr concentration (ppb): new ozone standard of 0.08 ppm (80 ppb) is based on 4th hi, 8-hr average

#8 hours>85 ppb: indicates how often the area would be in violation of the new 8-hr standard of 0.08 ppm

# hours> 100 ppb: high peaks in ozone concentration, as well as cumulative dose, contribute to vegetation injury

SUM06\_3mon (ppm-hrs) - sum of hourly ozone conc≥0.06 ppm (60 ppb) over 3 months (~ growing season), i.e., cumulative ozone dose

NADP information represents 6-yr average of annual values from 1995-2000

NADP deposition (kg/ha/yr): estimate of pollutants deposited to ecosystem by precipitation (NADP-National Atmospheric Deposition Program)

NADP Total S - sulfur from sulfate deposited by precipitation

NADP Total N - inorganic nitrogen (ammonium plus nitrate) deposited by precipitation

Visibility IMPROVE information represents 5-yr average of annual values from 1995-1999

bextClear - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average clear day

bextHazy - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average hazy day